



Safety Data Sheet (SDS)

Terra Revive 1-1-1 Pellets

SECTION 1. IDENTIFICATION

Product Identifier: 6mm Homogeneous Fertilizer Pellet (1:1:1 NPK)

Other Means of Identification: None

Recommended Use: Agricultural and horticultural fertilizer for soil restoration and plant growth.

Restrictions on Use: Not for human or animal consumption.

Initial Supplier Identifier: Terra Preta Organics

Emergency Telephone Number: 1-403-669-8669

SECTION 2. HAZARD IDENTIFICATION

Classification: Not classified as hazardous under WHMIS or OSHA regulations.

Label Elements:

- Hazard Pictograms: None
- Signal Word: None
- Hazard Statements: None

Precautionary Statements:

- Avoid breathing dust.
- Wash hands thoroughly after handling.
- Use in well-ventilated areas.

Other Hazards: Dust may cause mild respiratory or skin irritation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Worm Castings	N/A	Proprietary
Humic Acid	N/A	Proprietary
Kelp Meal	N/A	Proprietary
Gypsum	N/A	Proprietary
BSFL Frass	N/A	Proprietary
Fish Bone Meal	N/A	Proprietary
Biochar	N/A	Proprietary
Alfalfa Meal	N/A	Proprietary
Azomite	N/A	Proprietary
Sulphate of Potash	N/A	Proprietary

SECTION 4. FIRST-AID MEASURES

Inhalation: Move to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. If irritation occurs, consult a physician.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Seek medical advice if irritation persists.



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Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if discomfort occurs.

Most Important Symptoms and Effects, Acute and Delayed:

- May cause mild respiratory irritation from dust.
- Prolonged skin or eye contact may cause mild irritation.

Immediate Medical Attention and Special Treatment: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, foam, dry chemical, or CO₂.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Product: Combustion may produce carbon monoxide and other toxic gases.

Special Protective Equipment and Precautions for Fire-Fighters: Wear self-contained breathing apparatus and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid generating dust. Use personal protective equipment as required.

Methods for Containment and Cleaning: Sweep up spilled material and place in suitable containers for disposal. Avoid creating airborne dust.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

- Avoid breathing dust.
- Use in well-ventilated areas.
- Minimize dust generation.

Conditions for Safe Storage:

- Store in a cool, dry, and well-ventilated area.
 - Keep the container tightly closed.
 - Protect from moisture.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: None established for this product.

Appropriate Engineering Controls: Use local exhaust ventilation to minimize dust exposure.

Individual Protection Measures:

- **Eye/Face Protection:** Safety glasses or goggles.
- **Skin Protection:** Gloves to prevent irritation.
- **Respiratory Protection:** Dust mask if ventilation is inadequate.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid (Pellets)

Color: Brown

Odor: Earthy

pH: Neutral to slightly alkaline

Melting/Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Solubility: Partially soluble in water

Density: Approximately 1.25 g/cm³

Particle Characteristics: 6mm cylindrical pellets

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Non-reactive under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Excess moisture and extreme heat.

Incompatible Materials: Strong acids and oxidizing agents.

Hazardous Decomposition Products: None under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, skin contact, eye contact.

Acute Toxicity: Not classified.

Skin Corrosion/Irritation: May cause mild irritation with prolonged exposure.

Eye Damage/Irritation: May cause mild irritation.

Respiratory Sensitization: Dust may cause mild respiratory irritation.

Carcinogenicity: None of the components are classified as carcinogens.

Reproductive Toxicity: Not classified.

Chronic Effects: None known.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Product is not expected to pose an ecological hazard.

Persistence and Degradability: Biodegradable.

Bio accumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: Limited mobility due to organic composition.



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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of product and packaging in accordance with local, regional, and national regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number: Not applicable

Proper Shipping Name: Not regulated

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazards: None known

SECTION 15. REGULATORY INFORMATION

Safety, Health, and Environmental Regulations: This product is not classified as hazardous under WHMIS or OSHA regulations.

SECTION 16. OTHER INFORMATION

Date of Latest Revision: February 27, 2025

This Safety Data Sheet has been prepared to meet regulatory requirements and is accurate to the best of our knowledge. Terra Preta Organics assumes no liability for damages resulting from misuse of the product.